FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 367. -- Vol. XII.]

LONDON: SATURDAY, SEPTEMBER 3, 1842.

PRICE 6D.

STANNARIES OF CORNWALL.

"COWARD a. RICHARDS AND ANOTHER."

"COWARD a. RICHARDS AND ANOTHER."

"WHEREAS, the Vice-Warden did by two several orders or decrees, make in the above smothened come, and bearing date respectively the 28th day of January, item, and the 7th day of May lant, order that a SALE be made of (amoneys toker thangs) the MACHINERY AND MATERIALS upon and betweening to GONIS LARE MINE, is the Funds of Cablock, within the said Bannaries, under the direction of the Registrar of the Court, and that the proceeds of such also ishould be applied by the said Registrar in the manner directed by the same orders or decrees.—Notice is hereby given, that purmant to the said creters or decrees, a PUBLIC ANOTTON will be holded at Genmis take Mine afferential, on Thurwing, the 14th day of September, instant, at Eleven o'ckeek in the Furnances, for the register or in lots.

"THREE STRAM-ENGINES."

Viz., a' stram-engine, 48-inch, c)finder, with cast-fron beam, two boilers, about cylin-

STANNARIES OF CORNWALL.

STANNARIES OF CORNWALL.

"FOX AND OTHERS ". LEAST."

WHEREAS the Vice-Warden did, on the 13th day of August Ast, order and decree that B SALE be mode of (anonys) office things) the MACHINERY and MATRIALS upon and beleaging to the Wishal HARMONY, CARDREW, AND MONTAGUE CONSOLIDATED MINES, is the perfect of the rath, within the said Stannaries, under the direction of the Recistrat of the Court, and that the processe of the said solution by the paid register in the Court, and that the processe of the said solution by the said register in the moner directed by the same order or decree.—Solico's hereby given, that perspant to the baid order or decree, a PUBLIC AICTION will be holden at the Wheel Harmony, Cardrew, and Montaguis Chemolisted Minor afterwald, on Turnstay, the pith of Registrate instant and following days, as kile one of cook in the forement of each day, for selling either together or in that, the unstermentioned MINING MACHINER, AND MATRIALS—vis. SIX STEAM—ENGINES—one 7-linch Cylinder, 2 boilers; tone ditto, Standard, one ditto, Sinch cylinder, 1 boilers, one ditto, Sinch cylinder, 2 boilers in the white organics, 16-linch cylinder, 1 boiler each (one ditto, Sinch cylinder, 1 boiler), a waiter wheel, with iron axis, 57 feet diameter, 4 feet abrests, the lacked to white fore a crushing, succhine and a naw-mill, 4 compating and a chara; two is inch with white lacked to white a distribute and the sinch distribute white repeats of the following distribute and the sinch distribute and the sinch distribute white repeats of the following distribute and 1 series distributed a

STANNARIES OF CORNWALL.

STANNARIES OF CORNWALL.

BYANNARIES OF CORNWALL.

URSUANT to a decree of the Vice-Warden's Court, made in a cause of "Fox and others reverse Loah," the creditors is respect of the EAL HARMONY, CARDREW, and MONTAGUE CONSOLIDATED MINES, he parish of Reductly, within the said Stansarion, are, on, or before, the both the parish of Reductly, within the said Stansarion, are, on, or larger than the parish of Reductly, within the said Stansarion, and on, or larger the paths. note, to come in and prayer their debta before the Regular office, in Trure, or in default thereof, they will be personal it of the said Decree.—Dated Supt 1.

JOSEFH ROBERTA, Pisiolity Science Services

O RAILWAY COMPANIES, MANUPACTURERS, COALOWNERS, CONTRACTORS, and OTHERS.—VALUABLE MACHINERY
of STEAM-ENGINER, at Middlenderoughour Trues, TO BE DISPONED OF, BY
BYATE CONTRACT.—The directors of the Stockton and Distington Railway are
nicrons of RELLING the whole of the MACHINERY, STEAM-ENGINER and
OILERS, and EIRE-EXTINGUISHING APPARATUR, citiaste at the terminal of
sid line at Middlendrough.com-Two, and which were used for the parpose of ohionic rinds paid to the opening of the MACHINERY, STEAM-ENGINES and
OILERS, and EIRE-EXTINGUISHING APPARATUR, citiaste at the terminal of
sid line at Middlendrough.com-Two, and which were used for the parpose of ohionic rinds paid to the opening of the Middlendrough Book. The traglices, believe,
dissibilities y generally, are in exceitent working order, and will be found parcalled workley of alteration. There are two high-personner steam-organices, withco-piledrical believe attacked, and there feet stroke, the other minetons, inchesone believe of one are about 18 ft. 9 in, long and 5 ft. 6 in, dismester, the other 25 ft.

ng and 5 ft. dismester. The machinery rounded of the apparatum sorcemery for
sing the coals to an elevation of 16 ft. 6 in.

The machinery consists of the engineer
or good working order. The machinery rounded of the apparatum sorcemery for
sing the coals to an elevation of 16 ft. 6 in.

In the complete of the engineer
or first stopped by W. Chapman, Eng., civil engineer of Sterevastic supern Typestoproup of the fire extragrobibing opposition, and all the observes, absoluting the
componing of the fire organization, and all the observes and the
play wapprending fratmes, must the oneobserved of the observe to exactly supports to any
et of the Linibas Kinguston by waper on railway enservence.

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COMBUSTION of COAL, CHEMICALLY & PRACTICALLY

By CH ARLES WYR WILLIAMS, But

PATENT SAFETY
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This study suffices toe social, character, and
this sery succeptuses operation. Forms sake

R 10 DE ANORI GOLD-STREAM WORKS COMPANY. works by paymented calls necessary for that purpose.

By outer, SAMUEL HARPER, Special Constitute, City, Aug. 21.

TRELEIGH CONSOLIDATED MINING COMPANY .-

BOULAND MICHOLANGEMEN.

BOLTON AND PRESTON RAILWAY COMPANY.

TENDERS FOR LOANS ON MORTGAGE.—The directors of this company are perpaired, under powers of their Acts of Parliament, to RECEIVE TRADERS for the LOAN of MONEY, in some of not loss from 4795, and for beens of three, five, server, or ten years, not to GRANT MORTGAGES of the saigt undertaking, and of the rates, tolis, or monies or sting their drown. In NTEREET WARRANTS, for the whole term for which the food abali be made, with in delivered to the issuers aimage with the meetings, and be made payable half-yearly, at the todayant's basic or in London, or fineless, as may be preferred. The tenders are to express the same are brought are to express the stame and the term of years for which the same are proposed to be less, and to be adaptised to the secretary, at the company's office, fielding.

EDINBURGH and GLASGOW RAILWAY NEW STOCK

ONDON AND BRIGHTON RAILWAY.—Notice is hereby given, that a DIVIDEND of TEN SHILLINGS upon each regulared share in 1886 ecompany will be paid, without fordertion of the income tax, on each after the 15th incoment, at Money, forder, Payed, and mostling, incomed active. A division warrant will be forwarded to every proprietor, with a stanced receipt, for the passe of receiving the same.

10. Angel count, Tiprogramation object, Sapt. 1.

C. B. MACKENNID to

SHEFFIELD, ASHTON-UNDER-LYNE, & MANCHESTER RAILWAY TENDERS for LOANS — The directire are prepared to GRANT IO STYLAMED, under the provers of their act of Parliament, for LOANS of Minney in some of not jue than a 700 cent, and for personnel of their face, for, or seem years, at the option of the bender. Interest setting of the continuous will be part that practice, for which interest settings to the option of the period on, just part of the company's backers, in London, Manchester, or Sheffield. —Further in-

MR. HALL'S SMOKE CONSUMING APPARATUS

PROCEMBINGS OF PUBLIC COMPANIES.

TRETOIL MINING COMPANY.

The annual general mesting of the proprietors of this company was he at the office, St. Middred's court, Poultry, on Wednesday, the 31st ult.

G. H. Harras, Esq., in the chair.

The advertisement convening the meeting having been read, the master of the last yearly meeting, held on the 31st of August, 1891, we read and confirmed.—The minutes of the special geneval meeting, held a the 7th of February last, of the Tretoil Company jointly with the Emtretoil Company, were read and confirmed.—The Chairman then read the directors' report, as follows:—

ARPORT.

two companies, or to the broadile that would arise from the which, it was eighted, was so for concluded, that not mean some or present containables, and their momber was, before it decembed, by Mr. Gariand, a cathor large holder, and conset, giving in, and agreeing to the consmittation, the ways he merry developed, and depending to the consmittation, the ways he merry developed to the East Tretail Company.

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DOYAL CORNWALL POLYTECHNIC SOCIETY:-TO TENTH ANNUAL EXHIBITION wi L. FALMOUTH, on TUESDAY, the or TING DAYS—the Menting having been or competing for any of the Premioral world their respective Consummentions to

KATHARINE DOCK ORIGINAL STEAM PACKET VIJAAF individuals the Tower of Leaders, where passengers extlant and dis-, without the said tool risk of hopfs, and hopfiners among the memory and for building test employed by a passengers, but may, curriages, golds, for the building test employed by the business of the building of passengers, but may, curriages, golds, for the building test end of the passengers of the building places.

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JORTH BRITISH LIFE INSURANCE COMPANY ow Bank buildings, Lothbury, and 10, Full Muli Rast, 10, and inner-possing by Royo! Charles, with a protection. #1,000,000, forly authoritied.

Siz PETER LAURIE, Alderman, Conicsons.
PEANCIS WATERN, Roy. Impute Abstract.
Proprieta. John Wester, M.D., dt. Greavenny drest.
Retract from the Table of Increasing Promises to Institute & Line. me to insure at inc the lie 2018 | 2018 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 2008 | 20

CEMENT - To ARCHITECTS, BUILDERS, and OTHERS THE PATRIT STUCCO PAINT CEMENT—Its extraordinary quality have made understanding the patrior dinary quality have made understand—it will adhere to not consider of surface on the defect of the same and understand on the distance of the defect of the defec

PUBLIC COMPANIES

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NOTICES TO CORRESPONDENTS.

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THE MINING JOURNAL, Mailway and Commercial Casette.

LONDON, SEPTEMBER 3, 1842.

The case of "Chank v. Price," on which we offered some observations upon judgment being given in that action in the Court of Common Pless, has excited much attention and interest, not only among the possessors or lessees of mineral property and the ironmatters of the Nouth Wales district, but also parties interested in patents generally, as to the definition of the Law of Patents, determined by the judgment in the present case, in addition to the several decisions cited in the arguments adduced on the hearings of the cause—while the legal profession, who feel no slight interest in protracting cases of this nature, appear to attach an equal importance to that before us—the carrectness of the judgment, in most instances, not being disputed, although its propriety, as celevalated to destroy the continuity of hitgation, being deemed questionable.

We have been led to refer to this particular case from the publication of a pamphlet, entitled Remerks on the Case of "Chank e. Price," and as the Judgment is that define, 4e., of which a matien will be found in our present Number—end, moreover, from the circumstance of the author having been employed at selector to the defendants, who takes upon himself to inveigh the justice

the defendants, who takes upon himself to inveigh the justice of the judgment given by Lord Chief Justice Terrest. We does it unnecessary to recapitulate the leading points which formed the subject of inquiry, as they have appeared at considerable length, and formed subject of remark in our culumns; but, insemuch that the merits of the patent lafter the judgment of the Court of Comnear Pleas) is disposted, and a cose attempted to be made by the officitor for the defectivate, we feel it a duty devolving upon to Her the expression of opinion we have much from time to time, to do

after the expression of openion we have made from time to the cover of the paperallet.

The real questions at home, was easily whether the validity of the pateral necessary of the pateral necessary at home could be maintained, it being contembal that the hot hiast had been before applied—that from had been made, although not productly, with anthractic, by the ordinary cold blast what Na teners's patent comprehended the application of the hot blast in all descriptions of flash could that, in fact, the application of the hot blast to anthracite in the monafacture of iron was a combination of two knowns elements, to which no nevelty or value was to be attached. We now propose to treat this question (which we shown use of vitt' importance) on general general, although in an doing we may feel it necessary to advert to this particular case, and the risconnectance connected therewish, more expectably as it appears to us that the "romarks" of Mr. Have Lavis, acting as adjected to the Neath Abbry Company, would have been better applied as broming part of his brief, or instructions to counsel, then published as a critique on the perceedings in course, and a common on the beared Judge who gave judgment in the visio. then published as a critique on the proceedings in court, and a consure on the browned Judge who gave judgment in the cons.

It is only necessary to recal to the normory of our resides dates and recommendance, to show that torple opportunity was afforded for arguments being brought forward, and evidence to support them, had such been decided a receive harly to be will the defend. ants. But, however the former might, on the hearing of the case, have been aftenuabled—the absence of the laster, which possibly stone from apprehension of the consequences acting out of cross-or accommon out the winescene, and reply traduces quite clear that the expression of the winescene, and reply traduces quite clear that the expression abstract had no weight with the Coner. In February, 1940, we believe two days were remainmed in trying the cone; and two reases afterwards—that is, in the months of February of the present reases afterwards—that is, in the months of February of the present reases afterwards—that is, in the months of February and the present reases these characteristics and the present reases these characteristics. somethe deliberation, the genre and transmisses palement of from humand Judges was given in favors of the planetal, which was premiumed by Lord Chief Justice Taxana, and opposed to the MENERY JAPANES, No. 287, of June 13, 1885, from which we cothe topicaled houseless Street 4

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a to a question, whether the investion is, or is not, the enhanch is objected. For if the investions, he seek and second to exist whether it he the result of long experiments and profous y some condens and barby the may be, or more accidental disport or investopiles action to the low by the the true to the composite action with one in what the chair whether a man, the other in the condensate the first between or do across that never we awarded the ground of the residue, that the King may great he aftent for a reasonable time. If the combination now made we think it is, a manufacture within the visitude of James, distant for a reasonable time.

We have, on more than one occasion, expressed our opinion strongly on the injustice attempted to be inflicted on Mr. Chang, by the conduct of Mesers Parca and Co., of the Neath Abbey Iron Company, and we did so on public principle—on that principle which is applicable to all patents, and to all men whose line of conduct shall subject them to the animalversion of their neighbours or the press.

We know that some grovelling and narrow-minded parties watched with anxiety the issue, in the hopes that, by a verdict being given for the defendants, they who stood not "the hazard of the die" would come in to participate in the golden has a hazard of the die" would come in to participate in the golden harvest, which each expected to reap, had the price of iron been maintained. We are as the same time, also aware that many high-principled men, the converse of those we have adverted to, have regarded with equal anxiety the result, as being the test—whether the merit of inventors should receive their meed of reward, and encouragement afforded to others to follow in their wake—or that the unprincipled capitalist should avail husself of the quirks and technicistic of the Lewis Patents to be effect by the inventoric of these replied capitalist should avail himsen of the quirks and technicalities of the Law of Patents to benefit by the ingenuity of others. The present case is one which will, doubtless, be referred to hereafter, if not as a precedent, at least, as a confirmative authority, of the law, as laid down by the late venerable Lord Eldon, Lord Chief Justice Ashorr, and Lord Chief Justice Tindal, as well as Chief Justice Annorr, and Lord Chief Justice Tindal, as well as other Judges who have given a decision on that point, which, to us, appears the most important to all interested in patents. We may here observe, it is "a principle in the Law of Patents, well recognised and admitted, that a patent may be good for a new combination of old materials, or implements producing new and beneficial results;" this is "recognised and admitted "by Mr. Rowland, and, although in the face of the evidence adduced on the trial, when it was proved that "new and beneficial results" were produced, yet he contends that the patent cannot be maintained. That the combination was novel, being the first application of hot blast to anthracite, must be "admitted" by Mr. Rowland, has of "recognised" it; and, that it produces beneficial results, is has so "recognised" it; and, that it produces beneficial results, is proved by the fact that, superior from is made from the application proved by the fact that, superior from is made from the application of hot-blast, combined with anthracite, to that obtained from the hot-blast when coke or bitmuinous coal is employed—the latter being tender, and, although well ca culated for ornamental castings, as running freely, and carrying a good face, is unfit for engineering or mechanical work, where strength and tenacity are required.

The opinion expressed by Lord Chief Justice Annorr, in the case "The Kinos Wieseless," 2 Baru, and Ald. 349, that the subject of a patent "may, perhaps, extend to a new process to be carried on by known implements or elements acting upon known substances, and ultimately producing some other known substance, but producing it in a cheaper or more expeditious manner, or a

substances, and ultimately producing some other known substance, but producing it in a cheaper or more expeditions manner, or a better or more useful kind," is stated by Mr. Rowland not sufficient to admit Mr. Chane's patent, although no question can arise in the present instance as to the article produced by the combination of known implements or elements with known substances being produced in a cheaper manner, and of a better and more useful kind. deced in a cheaper manner, and of a better and more useful kind. Again, the dictum of Lord Ellows, "that there may be a valid patent for a new combination of materials previously in use for the same purpose, or even for a new method of applying such materials," it is contended, does not apply in the case before us; and here we agree with Mr. Rowland, as Mr. Caank's patent does not go so far as to require its application, for it gives to the patentee more than Mr. Chank claims under his specification.

We have said thus much of the pamphiet reviewed in another column, and of Mr. Chank's patent, because we feel that any attenuit to destroy a property acquired by application of time and

tempt to destroy a property acquired by application of time and money, as well as by the exercise of ingenuity and invention—as in the case of patents—would be destructive of our best interests. atentres require protection, and this is allowed on all sides one patent in twenty, we might even quadruple the number, ever succeeds, or is carried to a successful issue—and while Government affords not the encouringment they should, we are at least glad to find that courts of law (to those who may be able to contend with the costs) will at least afford protection in cases where the attempt infringement of a patent is too diagrant to evade detection Mr. Chann has his verdict, on which we congratulate him; next course, we presume, will be his action for damages, and there we hope he will meet with equal success. - Mr. Hownand will, doubtless, find more material for remarks, and he is evidently one who is auxious to bring "grist to the mill."

It was our intention to have entered at some length on the me Mr. SAMURI HALL's patent for the consumption of without smake in lorementive engines, but the space occupied by a notice of the refutation of the patentee, as also the insertion of the letters of Mr. C. W. WILLIAMS and Mr. Houn, precluder us from entering on the question so fully as its importance demands, and, therefore, we must need defer any observation until our next therefore, we must needs defer any observation until our next Number, when we propose treating generally on the subject. The letter of Mr. J. F. Buxz, the secretary of the Midland Counties Railway, which appears in our columns of to-day, with Captain Law's reply, also require notice, for we feel that at the present moment, when fares on the lines of railway are advancing, any mat ter tending to economy in "working the lines" is not only de-serving the attention of the directors and proprieture in railway companies, but equally affects the interests of the community at large

Observation from few forther particulars of the observations made by Against, at his encouragement on the connect of the Asr, have been collected from a letter by M. Deuce, one of his companions, to whom we were infrom a inter by M. Denne, one of his compositions, he whom we were inwhithed for the phenoant morative of "A Residence on the Clienters," published had year. After describing their tent, which he calls the Hiller day
Nonlishitation. M. Denne and ..." An important point in the thoury of
glacious is, that they advance progressionly. We have found that the
Hiller der Noulishifoton has advanced since had Registable 20." feet. We
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Lanceuren and Pareton Rest was Constant - This See has been legand to the Language Canal Company for a period of territy one years, the canal company opening to pay t yes could per somma agent the publish equation, which note of content is to be therefor to receased, about it eventually be determined to extend the railway to Carliele.

ORIGINAL CORRESPONDENCE.

ON THE ORIGIN OF COAL.

ON THE ORIGIN OF COAL.

TO THE EDITOR OF THE MINIMO JOVENAL.

SIR,—I have felt very much interested in the subject embraced in two papers rend at the recent meeting of the British Association, by Messrs. Williamson and Binney, on the origin of coal. The observations of these gentlemes, though derived from the study of the same field—viz., that of Lancashire—seem to have led to very different conclusions, the one regarding coal as derived from plants which grew on the area where coal is now found, and the other from drifted wood. Previous to reading these papers, as reported in the Atlansacam, I had perused Dr. Backland's remarks on the same subject, in his very excellent address to the Lanasholm Geological Society, and had been induced, in consequence, to recommence an imspection of the roofs and floors of the coal beds of the Lanasrkshire coal-field, as developed in the neighbourhood of Glasgow, and in the mining district of Old Monklaid and Airdrie, and the consequence has been, that I have been led to a different conclusion from one or the other of these gentlemen.

ing district of Old Monkland and Airdrie, and the consequence has been, that I have been led to a different conclusion from one or the other of these gentlemen.

One sixt, admitted by Dr. Buck'and and Mr. Binney—viz., that the stigmario ficoider grew on the spot where it is now found—in abundantly evident, from the manner in which its stams, with their long leaves attached, and lying parallel to each other, are found in all the fire-clays which form the pavements of the coal beds of the shove-mentioned districts. I fired, also, that these fire-clays never contain the remains of any other plant, though other plants are abundant in the superiocumbent or subjacent strata. The stigmaria also abound, with the leaves stached in the manner slinded to, in some of the bituminous shales, and, when this is the case, it is the only plant found. It is not with, also, in the same condition in the laminated and sing sandstomes, intermised with fragments of calamites, see. I find it also in blackband ironatone in the same state, and in connection with bivalve shells, hitherto considered as units; and, what is still more remarkable, the ironatone in which they thus occur, has a layer, both at top and bottom, abounding with fishes scales, teeth, see, among which are those of the Mepalicthys Hibberties, and other ganoidal fishes. From these circumstances we appear warranted to conclude, that the stigmaria was an aquatic plant, growing at various depths, and not in a mereby serface, as has been suggested by Dr. Buckland and others. This is further confirmed by the fact that the leaves are frequently found penetrating the sandstones vertically as well as laterally, and still aithering to the atem. Had the fire-ckrys, as supposed by Dr. Buckland and Mr. Binney, formed a soil in which the plants forming coal grew, we should have found their roots as well as stems; but this is not the case—we only meet with stems and leaves in these beds. That the coal was not formed from stigmaria, may be shown from the circumstance that there is alw where they are now so abundantly found, and had had the subjacent stratum of fire-clay as a soil to vegetate upon, the roots would have been found there as well as in the sandatone, in which they are frequently met with. The trees, the remains of which occur so plentifully in the ground coal, as also in roof coal, have evidently been those from which the whole stratum has been derived, and, from the facts adduced, I think it will appear that they have not grown on the spoil where their prestrate compressed stems are now found, and that coal cannot, therefore, he regarded as having originated in the manner of our peat mosses. I am more confined in this uptaion from having found fish teeth, hones, and scales, interposed between the wood-coal lamine I have mentioned, both in the roofs and pavements of coal and ironstone bods.

With respect to vertical trees in coal strate, as far as my observation has gone, these only occur near the outerop of the stratum to which they

With respect to vartical trees in coal strata, as far as my observation has gone, these only occur near the autorop of the stratum to which they belong, and may, therefore, be regarded as having grown on the margin of the water by which the sediment constituting the bed was deposited. Ripple work, however, is found at all depths in our coal shafts, but whether it would be found at extraordinary depths in the centre of a coal trough may be doubted. The quarries in which it is principally observed are always near the outcrop. It may, however, be remarked, as a proof of repeated subsidence, that heris of shells, and layers containing fish scales, teeth, and large coprolites, often alternate with hels of sanctione to a considerable depth, upon which the ripple marks are distinctly impressed. I have no doubt, therefore, of repeated subsidences having taken place during the deposition of the estboniferous strata of this country, but, although hitherth disposed, on that account, to acquiesce in the opinion now so warmly responded to by the geologists of the British Association, the investigations I have since made have forced me to a different conclusion. I am fully aware of the many objections which may be urged against the opinion that coal has been derived from drifted wood, and om unable to answer scene of these objections, save by appealing to the facts unable to answer some of these objections, as we by appealing to the facts now stated, which, if deesed reconcileable by those who are still of an opposite opinion. I shall be happy to see the solution communicated through your Journ's.

Jour Caaro.

sagew, Aug. 25.

Gold Stream-Works of South Annaica— (From a Correspondent)

—The Frontino Gold Stream-Works, situated in the province of Autischa,
in South America, are producing 250 dollars' mosth of gold per day, and,
as the cost per day does not much exceed 50 dollars, the proprieture are
resping a substantial return for their investment. The works have been
but a short time going on, and it is expected that this is but the beginning
of the riches of the notice.

of the riches of the mines.

THE New Letter,—A paragraph having appeared in some of the daily papers, describing the light exhibited at Charlog-cross as being on the same principle as the "Book Light," the inventor, Mr. G. Hoesine, has forwarded the following explanation of his principle.—"I Login inform you that my burner continues the common gas, and is constructed on a new principle, cutively of my own inventions, whereby I whitely, not only a much whiter and some brilliant light, but a saving of upwards of 60 per cent. of gas. From 30 to 40 per cent, less heat is generated, and to curbon or sont in deposition! I shall shortly iny before the public on section of its section, as tested by two of the most scientific gentlemen of the day, powing the many advantages it possesses over every other light hitherto intendenced, and I trust I shall not be deemed acrogant in terming it the Boocens Lephs."

Borrens Light."

Scoure To use ron Maneur Bostono, -- At a recent meeting of the Instructure of Civil Engineers, Mr. Charles Wyo Williams exhibited and explained the "sight tubes" which he new used for the morten buildes of the City of Dubliu Steam-Packet Company's vessels. The instrument consists of a wronght-iron welfed tube, two inclus disnorter, with a accomplicated out upon the exterior; it is inserted across the water spaces of the builders, and actured by means of note, in such positions builded and opposition.

The Flave Issue Stram-Stram Engle in Igrana... The first less them to the King's and feel to Works, some Dahlim. Not is inducted to ply on the Shamann, between Athlions and Portumen, he and from which places the is exposed to recouplish the passage each day. The following are her dimensions—Length of deets, 150 ft.; dates of bram, 17 ft. Str. j. depth of held at their, 8 ft. Str. j. broodth over all, 37 ft. Str. John Burguyas, and exceed atter granteness connected with activities and connected day artments, here visited, and highly approve of the eryle in which she is

Gazanword Raisway and the Transa Transa.-- A new states has been control, and will be opened in a few clope, so as to officed facilities to the public making their way from the mosts side of the close and the assessment decks to Grocewick, i.e. . It is abunded at the figuresis

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in reply, received ! Wolf," of that she ! roal was t properation to section the reposited 16th of J because from release the eval." T

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HALL'S APPARATUS FOR THE CONSUMPTION OF COAL WITHOUT SMOKE IN LOCOMOTIVE ANGINES.

Having been feroured by Mr. Hall with an early copy of the Retrievation of the Report of 3th August, 1841, of Mr. Juniah Receiving to the Committee of Almangement of the Middinal Constitue Missions, on the Samuel Hall's Petroit Agrantus, ice, about the Constitue Missions, on the American and the authorized the contract of the con

remai." The sent letter which forms part of the series, appears to us to be as important a finitere in the "religiosism" of Mr. Hall—died in, or for an demonstrative of his epinion and his anxiety to test the morits of his investion—that we give it at length. It is deted August Mr. sed is addressed to Mr. Kentsley, as engineer of the Middent Counties Resi-

I saw every to have that you set alread to this be a toget to the Midbook Contribute
direction, he which you and attributing as a death he say consistent the prival accompanies of the workform of the 1 will plainings are expendenced that they bear should work the World for your law for the total and the first are such that World for your substitute of the first are such that World for your law for the first are such that they have without the first of that they would be to the contribution of the first are also as the substitute of the first and the first plaining plaining it should be contributed.

noting of feel withet. I shall come down to morrow with the intention of reasoning mysed with the Wolf for a week or ten days; and, if every thing net present for her days, I think you will layer with me that it will do in for ten years. I hope you will make the necessary arrangement for me to ran with coast with the Wolf, as above, mentioned, to govern you in the report you are decay to make, which I as some you would be norry to make exchangement.

I remain, door Sir, your's very iruly.

Answer. Hatte.

P.S.—I am some that you will, on reflection, he of thy opinion, that we have had sufficient experience of the working of the flor and the Wolf to know that the flame will server reach the chimney, unless the fire is no improperly increased in intensity as he convert it into a smelting firmace, as has, I am sure, latterly been the case with the Wolf.

as to convertitiate a smalling firmace, as has, faminare, inflortly been the ones with the Welf.

To this letter a reply was written, in which Mr. Kearsley states that Mr. Hall is under an erroncous impression as to mismanagement, the man employed to drive the Welf being one of their most careful and experienced drivers. Mr. Kearsley further adds, that he attributes "no fault at all to the apparatus," which he considers the best he had seen, the famil being confined to the boilers, being only halflong enough. Our next letter is on the following day, dated 5th August, in which Mr. Hall contends, (having possessed himself of information on the subject; that the flame from the fire-box never reaches near the units of the tubes, and, of course, not into the smoke-box or chimney! the fact, says Mr. Hall, is simply this, that for want of occasionally removing the small particles of fact, which, in process of times, are deposited in the smake-box, they become ignited, and produce the injurious heat therein, as well as the flame in the chimney. It would be tedious, as we feel it is unnecessary, for us further to follow the correspondence, which will, doubtless, be in the hands of all parties interested in a few days, but we cannot close our notice, without recording our opinion, that whatever may be the merits or defects of Mr. Hall's apparatus, he is, at least, entitled to a fair experiment with the Welf engine, under circumstances which at all leave the result not a matter of doubt, and in such a manner, that no question can arise as to mismanagement, or want of attention to the interests of all parties.

TAILING AS APPLICABLE TO RAILWAYS.

BY C. W. WILLIAMS, ESQ.

(In addition to the several articles which appear in our columns of to-day, treating on Hail's Patent Smoke Consuming Farnace, we adopt the following, addressed to the Editor of the Archessics' Aggestote, by Mr. C. W. Williams, a graticum whose acquaintance with the subject renders any observation emanating .com him deserving of attention.)

Mr. Samuel U.-M.

In addition to the several articles which agrees to are common to the Editor of the Mechanical Magnetone, by Mr. C. W. Williams, a gentlement to the Editor of the Mechanical Magnetone, by Mr. C. W. Williams, a gentlement whose acquaintance with the subject renders any observation emanating combine deserving of attention.]

Mr. Samuel Hall's plan, by which he proposes to burn coal, instead of coke, in the furmees of locomotive boilers, having been tried under his own inspection, on the Liverpool and Manchester Railrond, and having signally failed in producing the desired effects, on which account it was abandoned, after several trials, Mr. Hall being unable to perceive, or at the first leisure opportunity, to show—lst, That the principle intended to be applied by Mr. Hall is a direct piracy, and attempted infringement of my patent for introducing air to the combustible gases evolved from coal. 2nd, That manifestly not understanding the principle as to its chemical bearings, and the conditions on which alone the introduction of such air could be effective in converting such gases into flame rather than anode, he has so erromously and unmientificially correctly as necessarily to fail in effecting the desired object. And, 3rd, That although Mr. Hall affects to introduce hat air into the furnaces, the use of hot air being the arowed baris of his patent, he has, nevertheless, include hydrogen and membester Railroad, and having noticed the manifest chemical errors committed by Mr. Hall in that instance, I am in a position to speak positively on the subject, and point out those errors. This I deem it the more necessary to do, lest the principle, hitherto so neglected by all writers on the practical details of the furnace, might suffer under the unskilful, and (as I consider them) piratical efforts of Mr. Hall, and as presenting a garing and remarkable instance of the errors and disappointments into which even experienced, ingenious, and observant men surfall, which actually considerations which nature demands, and elem

serious a template of the commence of the control o the conclusion adventages then, Mr. Hall's apparatus would claim universal depths on the first and fit not estable amount of the conclusion, in the uncorrect water than the beneficial coulds. Nearly two years ago this expectation was very attempt would clearly two years ago this expectation that expected make it is considered to the beneficial coulds. Nearly two years ago this expectation to the research make it is expected to the beneficial coulds. Nearly two years ago this expectation (consideration) would present thought to travel the present through the first sent of the parameters through the parameters and the parameters are considered to the sent of several present and uses; that atthough the travel present in the confidence of the metal form an appearance to the air flat parameters and their sent in the defect of the sent of control of the parameters are sold to the parameters are sold to the parameters of the parameters are sold to the sent of the parameters are sold to the confidence of the metal form and the control of the parameters are sold to the parameters are sold to the parameters are sold to the sent of the parameters are sold to the sent of the parameters are sold to the sold to the sent of the parameters are sold to the sold to the parameters of sold to the sold

cont. more of coal than coke." Now, it is perfectly certain that if the consumption of coal was 25 per cont. greater than coke, the waits has which escaped through the chimney must have been incomes. Weight for weight coul will give 20 per cont. more heat than coke, whose all the smook is burned, and all the heat profitably applied. But here we find that instead of 20 per cont. greater effect, it was 25 per cont. less, and, there fore, the leas through the chimney must have been equivelent to 45 per cont. Jos., or just 37 per cest, which, as the whole of the gaseone matter is burned by Mr. Hall's invention, the part which escapes would almost, of necessity, consist wholly of pure fiame.

The intense heat which is produced by the combustion of hydrogen gus so very greatly exceeding that of any other of the ordinary combustible bedies—would, of itself, suggest the possibility of injury to the tubes of locomotive-hollers, by the use of coal when wyed to intense quitten. But this effect is increased to the highest degree by the application. But this effect is increased to the highest degree by the application of heated air to effect the ignition. This constitutes the centure of Mr. Hall's invention. And while I will go with him to the utmost extent in advocating the justness of the principle of applying heated air to effect the combustion of coal, and that too, even to a far greater extent than he has carried if—for I believe every increase in the temporature of the air up to 800 deg. or 300 deg. will be economical—I am anti-field that applying this extraordinary degree of heat in a direct manner to the boiler of a becometive-engine, must be destructive to it in the highest degree, and far more than neutralise the avenig in fast. The results obtained by Mr. Kearsley appear entirely to confirm this opinion; and as long as the strong blast of the engine is applied, it is, I am astisfied, quite impossible to moderate the combustion as a proper to me to be far less in a business of an intense of his minute of a beautin

IMPROVEMENTS IN THE MANUFACTURE OF SULPHUR. (Specifical on granted to Edward Frençois Joseph Duclos, grottenius, of Clyne Wood Works, Swanzes, for improvements in the manufacture of sulphur, sulphurs soid, and outphate of soods.)

wood works, numeron, so improvements in the manufacture of sulphur, sulphurt sets, and sulphur of socks.)

The first part of this invention relates to the manufacture of sulphur, and consists, firstly, in producing it by mixing two parts of sulphuretted hydrogen gas, with one part of sulphurous soid gas, in a reserver, and then, by the injection of ateam, conditioning those gases, and causing them to combine and form solphor; ascondly, in making sulphur from pyrites, by reasting it in a retort, and conducting the vapour, arising from such reasting, into a reservoir of water, when it is condensed, and forms sulphur. The second improvement consists in manufacturing sulphuris acid, by subjecting the pyrites (after being operated on in the manner above, sentioned) in the retort, to calcination, until it is converted into persulphate of iron, completely deprived of its water of crystallisation; than by a further process of distillation, highly concentrated sulphuric acid is obtained. The third improvement consists in making sulphate of sods, by mixing them, for three or four days, to a temperature of about from its deg. to 100 deg. Fahrenheit. At the each of this time, they are exposed to a relabant; by which means, hydrochlosic acid is evolved, and percuise of iron, and sulphuring sulphur, by bringing sulphurous acid gas and aniphrentied hydrogen gas together, and, by their mutual decomposition, producing sulphur. J. The mode of manufacturing sulphur, by bringing sulphurous acid gas and sulpher-orded decomposition, producing sulphur. J. The mode of manufacturing sulphur of manufacturing sulphur of mala, as herein described.

NEW METHOD OF ROANTING AND REPINING COPPER.

marks on the Cone of "Crone v. Price," and on the Judgment in that Action delicered by the Court of Common Pleas. By David Rows. And, softier. Charles Gilpin, London.

Remarks on the Case of "Crame v. Price," and on the Judgment in that Astina delinered by the Goorf of Common Plant. By David Rowsland, solicitive. Charles Glipia, London.

The importance attached to this case, which was an action brought by Mr. George Grame, of the Yolescadwyn Works, against the Neath Abbey From Company, for an infringement of his putent for the many-facture of from with authantite or stoom coal, by the application of the hot-blast, has given rise to the remarks before m., and that there should be no mistake on the part of the render as to the orience with which the author is actuated, he convences his task by informing us in the opening paragraph that the judgment of the court "has been received with surprise by using persons, who, knowing the viscous and efficacy of the hot air. bloat, invented by Mr. Nellson, had conceived the opinion, that, with his license, it was open to adoption by any ironmanter, who desired to apply it to his forease, without regard to the nature or species of the dual on which it was couployed to operate." This may be all very tree, many are there, too coloring them gro boto publice, and that the inventor should be estimated with having proved, in practice, the correctors of the theory, and who should, therefore, he left to "pay for his whistle." There are, doubties, many others, who, inaccord annie, have not the oligithest idea what is the stature of a patent, and, therefore, unfantationally invade, or evade if, but that Mr. Price, the defendant, was not one of the many of either class we have described, is pretty clear by the withone addinged on the trial, "and, we believe, if there were "many" who entertained the visionary notions which our author age, that "the confirmation to Mr. Cranc of his patent for the monopoly of the best-biast, when applied to a farmace working with solve hop-careful particular and personal to be a direct interference with a vasied and indefendable public right, and they (!) incline to thisit clarance prior to his patent, appears to such p

The judg second is founded on a principle in the law of padents, well recipions of middled, that a pointed may be good for a new condition, that a pointed may be good for a new condition of old makestods a planning producing new and brooks in creatie. The proposition, is lockeyed for by the archiver's a large position of the numerous patents new in extension arguested above in extension or new one of particular trible universe of particular trible in the product of the highest order of consulted. But whill disastions like these see deserving of the treapporter processory is the awaited to the particular of the treapporter processory is the awaited to the particular of the treapporter processory is the section of particular of particular or particular of the treapporter processor of patents, other no control combinations are, or may be, morely the auties of an entire to the major of the treapport of the section of the treatment of the treatment of the particular of the treatment of the treatment of the particular of the par disastions like there are no eather consistent or objects, conserved and patents, other as eather to objects, conserved with between these of an original towards designs to objects, conserved with between they may not previously have affracted special accomplicated within the very term of the patent granted for if , and which application pethog sequenced nor developed any naw construence. Combinations of the later characterizer are not protected the law as the entherties of patents, for to protect obvious combinations within a particular of the critical sequences of the configuration of making and moderately of the configuration of moderate of the configuration of moderate of the configuration of moderate of the configuration of the configuration of the moderate of the configuration of the config

any awe construction. Combinations of the latter character we not protected by the law as the subjects of patents, for to protect civelines combinations within the seems and design of the original invention were'd to be expose the publish to a perpetuity of sociologisty.

Now, on this argument appears to hinge the social of Mr. Crana's petent, and were we to attempt to answer the horses writer or compiler of the "Romarks" before us, we feel assured that common sends argument, or exposure, would at once set solds the special plotding or logal reasoning founded on the technical romard-ractions reverted to, as to the meaning of supplication of words. We do not, however, profess to assume this office, for, as Mr. Rowland considers belowed a fitting connect for the policy, we don't not that other will be found who, forming a correct judgment on the merits of the case, may consider themselves fully competent to reply to him, and may, at least, turn the tables, by subjecting his/arguments, and forth-with reasoning thereon. We are toid, for instance, by the author, that "o on a principle in the Law of Patents, we display the subject of the materials or implements producing new and herefulal results, and the theoretical and practical experience in the monufacture of iron arquired by him, whether the patent exceeded by Mr. Crana is not, in fact, "a new combination of old onatorials or implements producing new and herefulal results," and combination of old onatorials or implements producing the monufacture of iron arquired by him, whether the patent secured by Mr. Crana is not, in fact, "a new combination of old onatorials of implements, with the layer of the manufacture of iron, and the himself of the combination of the common and the combination of the combination of the combin not with cook applicators on average quality of cought olse but special plouding, for II best of ave-and that the only cause of peofs and being made

the before, so as he resolve presidents a precident which they had take? It is said the absence on this paper of the removales, that the irror on manufactored was made from the applications of sould black.

It appears that, "end-atthataceting the decisionage and ?' the Bestock trop Company is much as the decision of sould black.

It appears that, "end-atthataceting the decisionage and is seed a weak on the attendment and abstract is and whose Mrs. Comme back out his section where were only there was not the attendment and abstract is and whose Mrs. Comme took out his passent there were only there would be be attended to a sectional with it?" there were only there would be section to the section with it is a set the attended to the comment of the value to be attended to Mrs. Comme a policier to footback the owner of the value to be attended to Mrs. Comme a policier to footback the seat the section of the section of the tender the "decision" as each become a weak the footback the seat the "decision" as each tender the existing of the section of the section of the tender the seather the section of the

exerced, and time expension, ere the result was serived at, we believe the surture of the passphiet before us will not desy, and as such was necessary; we conscript, in common with others ("many persuns" being of a like opinion), that Mr. Crane was entitled to a reward for his exertions and the cost to which he had been subjected in bringing into value a wast tract of country, which ined, up to that period, remained neglected and valuations—at the same time, that he rendered convertibles wheth had been found inutils in the manufacture of iron. Having given extracts from the instructions rendered by Mr J. R. Russell for his evidence on the part of the defendants, we arrive at that portion of the passphiet with which our author may be supposed to be more conversant—that of the legal on technical construction of words—and, accordingly, these are hairly discussed, and, upon a new edition of Johnson; may be, purlups, countred with advantage as to the legal definition of a "machine or implement." His case of freetone and granite is ingranious, and highly creditable to him as a lawyer, but we concass see by no means unalcouss. Mr. Rowfand contrads "that even the system discussion, that two faces are by no means analcouss. Mr. Rowfand contrads "that even the system discuss of Lord Chief Justice Abboott, that the subject of a pulsuancy, perhaps, catend to a new process to be corried on by known implements or elements arting upon a funder substance, and will instally probacing some other known substances, dust producing it in a cheaper or more capositions manner, or a better or more warful kind," is not sufficiently large to admit the Crane's patent. "It is true," he observes, "that there is the known implements or elements arting upon a busicance (the pig. true) i, bul," says MJ. R., "the new process is a manufacture of iron with anthracite, although producing a hower substance (the pig. true) i, bul," says MJ. R., "the sew process is an activate and the substance of the discovery which have manufacture of iron with ant

m's London Journal, and Reportory of Arts, Sciences, Manufactures, hy Newton's London Journal, and Reperiory of Arts, Scences, Manufactures, &c. The Number of this periodical for the present month is of an unuvually interesting character, containing, besides numerous specifications of patents, several scientific papers of much interest, and, as evidence of the importance we attack to its contents, have transferred into our columns of this week three specifications—"On Improvements in the Manufacture of Suiphur!"—"New Method of Reesting and Refining Copper!"—and "Improvements in the Manufacture of Iron; "and, he our next, intend to publish that of Mr. Puole, "for an Invention of Improvements in Producing and Applying Heat," accompanied by diagrams. The platts, illustrative of the patents, are clear and neatly executed, and, altergether, the work of Mesers. Newton will be found of great utility to those interested in improvements in arts and manufactures.

NEW MACHINE FOR FORGING IRON AND STEEL.

NEW MACHINE FOR FORGING IRON AND STEEL.

Although at the late meeting of the British Association in Manchester, there were many very interesting specimens of mechanism exhibited, there was, nevertheless, one in particular, which threw all others completely into the shade, when considered either as to the novelty of the invention, or its evident practical applicability to the every day concerns of life—and may with truth be said to have been "the lion of the exhibition,"—vis., a machine for the working or forging of iron, steel, he. This truly outprising machine is quite pertable, occupying only a space of three feet by four foot, and cannot he deemed other, even by the stoot critical judges, than one as purely original in principle, as well as practical in its application, so much so, perhaps, as was the splendid invention of the fluted roller of Arkweight, by which the art and perfection of drawing the fibrous substances became known; or that still more splendid discovery of Watt, the condensing of steam in a suparate vessel, by which the power of the steam-engine of that day may be said to have been doubled. But now for some explanation of the machine, and its probable general application. It is, then, as has before been said, very portable, not requiring more space than from three to fear feet, and may be worked by steam or water-power, and when moved by the former, as was the case at the exhibition. space than from three to four feet, and may be worked by steam or waterpower, and when moved by the former, as was the case at the cabibition,
made 650 blows or impressions per minute; but from their very quick
auccession, and the work being effected by an occessful pressing down,
not striking the hammer or swage, not the least noise was heard. There
are five or six sets of what may be called anvile and swages in the
machine, each varying in size. The speed and correctness with which
the machine completes its work is perfectly astonishing, and must be
seen in order that its capabilities in this respect may be duly appreciated;
for instance, when it was put into motion, for the purpose of producing
what is known as a roller, with a coupling square upon it (and which had
to be afterwards turned and fluted), the thing was accomplished in fifty
seconds! of course at one heat, in the astonishment of the hystoneters.
But what appeared as the most extraordinary part of the affair, was that
the coupling square was produced direct from the machine, so mathematically correct, that un below our make it more so! The machine will
perform the labour of three mon and their savistants or strikers, and not tically correct, that no behour can make if more so! The machine will perform the labour of three mon and their assistants or strikers, and not only as, but complete its work in a vasily superior manner to that executed by manual labour. For angineers, machine-makers, smiths in general, the makers, boilt and screw makers, or for any description of work, parallel or toper, it is most specially adapted; and for what is technically known as reclusing, it cannot possibly have a successful competiture; in proof of which it may be stated, that a piece of round iron by linch in diameter, was reduced to r square of \$\frac{1}{2}\$ in. \$\frac{1}{2}\$ in. long at one host. The more of this invention belongs, it is said, to a gentleman at liadton, of the name of Ryder.—Leads Mervary.

Tauck Statum.—Al the Absorptions Petty Semione, a case of track was brought forward by John Dainty against Even Jones, coal agent at the Cwm Colyn and Bislim Iron-Works, for paying Daniel Dainty for work done and performed otherwise than in the current coin of the realm, constray to the statute, Set. Upon the summons being handed in by the politic efficer, Mr. J. Browne addressed the Benech, stating that in consequence of the absence of Mr. Baker, addicting, from town, whom he intended engaging, professionally, to defend this case, he was relactionally obliged to take an objection which otherwise would not have been pained with the summons had not here is usually secured as the Armanical case.

sage, is the source they received of the Harbour Master on the entired, and, the source they received, as well as from their own observations, they expressed themselves metafied that the undertaking would be a pre-tin-like one, and they left here for London, for the purpose of bringing dome, one of the discretizes of the company is assless arrangements for its instantiant outstillabours. We think it probable that we shall have a shown tag plying on our steer by the middle of September seas. — More-moved factor.

ON THE BEST FORM OF RAILS AND THE UPPER WORKS OF RAILWAYS GENERALLY.

ON THE BEST FORM OF RAILS AND THE UPPER WORKS OF RAILWAYS GENERALLY.

In submitting a paper on this subject to the British Association, Prof. Vignoles said he wished to compare the two chief systems of laying down rafls, with chairs and without, and to do so be referred to two diagrams—No. I exhibiting the heavy rail and heavy chair used on the South-Eastern Railway, the weight of rail being 80 lbs. per yard, and the chair 30 lbs.; the rail was fusted in the chair, not with iron, but with a longitudinal place or key of wood; this mode of laying rails was found to inswer very well., No. 2 was invented by Mr. Evans; it was roiled with a slot or groove running along its under side; this slot, after coming from the first rollers, was reachered dovertailed by compressing the bottom edges of the rail towards each other, thereby narrowing the slot at the bottom. These rails required no chairs, having continuous bearing on longifudinal wooden sleepers, being fastmed down by bolts, with dovetailed beads slid into the groove and which, passing through holes in the timbers, were secured with a nut and washer at the under side. He had suggested this improvement, as they had been previously fastened with a cotter. By this method all the difficulties attendant on fasturing down the chairs were removed. The chairs had been fastened with holts and screws, but he had found that on the slightest boosting the bolt-heads there off, from the continual percusions, and the acrews very soon allowed vertical play from the yielding of the fibre of the wood. By Evans's rail we secured the rail without the inserted the rail without the inserted the rail without the inserted of the state of the wood. One inconvenience attending it was, the translate of the wood of the fibre of the wood is the rails and the translate remaining boils would be lessened, if, as he recommended, the thinbers were left uncovered. He preferred thus giving a free circulation of sir, and disclibed buying the sleepers in ballast. The weight of Evans's rail was only 4

A Paopussion of Mineratogy at Christiania.—I found the learned gentleman in a low room about ten feet square, at the end of a dark covered way which was entered from the street, and across which was a gate with broken hinges; the window of this spartment looked on a dirty camityard lumbered up with tabs, an old cart, and a barrel or two of earth containing ore to be analysed. But the room itself was even worse than its situation, and its multifarious contents more difficult to analyse than the ore. It contained in one concer a small dirty bed; and on one side was a bookcase, from the dusty top shelf of which, by mounting upon one of the three old crasy chairs, he handed a book down to me. On another side stood an antique clock, its face covered with figures and divers circles, embiematic, no doubt, of the mystic religion of Norway. On the wall were hanging thermometers, barometers, and hydrometers, and every other nort of ometer, numberless, dusty, and mysterions; loadstones with weights attached to them; scales, pendulums, and an endless of ceteru. Opposite to these was en old bureau full of mineralogical curiosities, among which he showed me an earth previously unknown which he had lately discovered, and a crystal not yet observed by any other person, and sich like marvels. All these were lying in confusion confounded, amidst pots and pans, hasins, crucibles, receivers, reforts, bottles of every part, shape, and size, and flanked with glasses of every kind and form; his large table covered with tablets, manuscripts, and books, cups, funnels, and every denomination of veneds, buffled all description. When I disturbed him he was engaged in analysing none specimens of minerals; but, to my taste, he was by far the most extraordinary specimen of all. Fancy a little dirty old man, with biear eyes, whose face looked as if it had not been washed any more than his originally white, now dark brown right-cap, since his spectacles were made, and the furrow they had were, upon his nose showed their we had been of some yea A PROFESSOR OF MINERALOGY AT CHRISTIANIA .- I found the learned pleted the costume of this subtervmean octogenarias, or I may say, me discremean prodigy. Despite his rough and unpromising exterior, this manners were not only agreenble, but polished; and he very kindly shows me his collection of minerals, which is valuable and will arranged. He was a pupil of Werner's, and is a man of considerable talent.—Mifferd's Norwey showed He was

THE PARADERS AND ADVANTABLE OF SCHNETIFIC PURSUITS.—How fascinating is unineralogy? how instructive that accence, which, from the icicie to the diamend, and from the drop of water to the starry orbs above us, trackes the laws which regulate form, and which are as universal sistly are powerful—as simple as they are sublime? How engaging is the knowledge comprised in the term physical geology—the history of the deposition of sedimentary substances by aquacus, and their disturbance by ignores, action—of the mighty context between the opposing forces of the unid water, those anhagonist powers to which the Abslighty has so admirably delegated the task of removing and perpetuating the solid crust of the earth—their socialing atrife issuing in coder and peace, their apparent conditt horse-missing into beauty, fertility, and perfection? And, tracending to the animance disperts of creation, him advantage—how significable the beaucus conveyed by this apparently subordinate, yet really important, atody? How lavely are the shells! how symmetrical? how besselfed? their colouring? how elegant their form! their own volutions, how delicate? their colouring. how graceful? their misptation, tended organized, profilestionsally, to defined this cone, he was relacitantly obliged to take an objection which otherwise would not have been rained —vio., that the summands had not been legally served as the Act required.

—Nr. Oven endowenered to measure this objection, and is terms not to be missunderwised, account Mr. Howev, with indignation and volunteese, of concept—a charge which Mr. Howev, with indignation and volunteese, of concept—a charge which Mr. Howev, with indignation and volunteese, of concept—a charge which Mr. Howev, with indignation and volunteese, of concept—a charge which Mr. Howev, with indignation and volunteese, of concept—a charge which Mr. Howev, with indignation and volunteese, of concept, at fragmontary legf, or from the more impression which there evenestes the volunteese of the interferor with his witness, by indignation and volunteese of the interferor with his witness, who, after a short consultation, decided that the adjustment related by Mr. Brown was good and valid.

Two Bloar or van Universiond that on Monday last, two possistance connected with a charm against inquiries respected that on Monday last, two possistance connected with a charm against inquiries respected the proposed where a charge in the part, with the clew of establishing a since to go one of the process of the process of the process of the substantial and another than the terried norms. They make very minute happened a volunteese of the process of the desirable of the first of establishing a since the process of the process of the desirable of establishing a since the process of the substantial and another than the control of the substantial and another than the control of the control volations, how delicate! their nation. how graceful? their adaptati reasoner, P.G.S. Gradgy for Bylanore.

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LAW INTELLIGENCE.

LAW INTELLIGENCE.

BRAM GREAT CONSOLIDATED MINES.

STARBABIES' COURT, CORNWALL.

MOYLE D., PINGEL.—Mr. Stokes and Mr. Borlage for plaintiff; Mr. Bonnallack for defendant.—This was the case of a parser's petition by Mr. Samuel Moyle, as purser and book-kreper of Beam Great Consolidated Mines, it the parish of Rocker, against Philip Piach, an advendurer, to recover the season hald by defendant from June, 1836, to the 31st of August, 1840, and of one-fourth part of a 206th share from August, 1840, to the 31st of August, 1841. The case was proved to a great extent by co-advendurers, whose evidence his Honour deemed admissible according to a statute which lately received the Royal Assest.—Richard Tretheny, a miner, was, in 1836, a clerk to Captain Robins, agust at Wheal Beam, and in that year received from the defendant, for Captain Robins, 21 towards his proportion of costs at Beam Mine.—Thomas Saell, a farmer, was present at a meeting of adventurers at Heam Mine, in 1839, when Pinch was present; and also at a meeting in St. Austell, on the 17th of October, 1840, when he believes Pinch was present. Believer a signature pointed out in the cost-book to be Pinch's writing.—Weller Pource was present at the meeting in St. Austell, in October, 1840. At the end of the meeting, heard Pinch ank Mr. Bell, the landsion of the Gueen's Head, where the meeting was held, what he thought of the mine? Bell said, he did not know what to think." Pinch replied, "never mind, a fittle grog will pay our costs." Pinch kept a public-house near the mine. Pinch acted as a shareholder at that meeting, and signed the book. At that meeting the shares of the mine share of the more of the more of the more of the mine of the share's were changed from 51/ths to 250ths.—Thomas Dyer, in the employ of Captain Robins, agent of Beam Mine, to Crobber, 1841. Reference to the mine of the share's of the mine were represented. Mr. Borlass proved the defendant with Mr. Moyle and Mr. Robins. Mr. Moyle demanded of him costs of Beam Mine, to Captain Robins, agen

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venturer being in one person under any difference. The unit was for a parter's account; it was a common case for the pursor to be an adventurer, and they know that a pursor's accounts were kept totally separate from any parts northly accounts. The pursor's books were area to be considered partnership books, so for an partnership went, though they might often be criticase by which to some at the partnership accounts; but there was nothing in the account sow demanded from which he was to infer that it was a partnership account sought. With regard to the objection, that the adventurers had come in at different times, his Honour observed, there might be cases in which an adventurer who came in in 1840 had a right to sok an account of previous proceedings equally with one who came in at a preceding time, as in the case of a partner coming in with obligations to pay by-gane costs. Then there was an objection, that if a pursor was liable to account to each individual adventurer there would be endless litigation. New, without injung down a precise rule as to the obligations to pay by-gane costs. Then there was not of account from the pursor which obligations may vary in each mine, yet he thought it was quite clear that each individual adventurer had a right to some sort of account from the pursor, independently of that account which the pursor was bound to give to the whole body of adventurers. The question on the demurrer was, whether any adventurer had a right to some account from the pursor? It was clear to bis Honour that he had such right, and it appeared that the pursor had refused to give it; the demurrer must, therefore, be overraied, and the defundant must answer.

MINING CORRESPONDENCE.

ENGLISH MINES.

ENGLISH MINES.

HOLHBUSH MINES.

Aug. 23.—I beg leave to inform you that the lode in the 110 fathom level west is one foot wide, and producing good stones of ore. In the winze sinking below this level the lode is small, and yielding but little over. The lode is the 100 fathom level west is eighteen inches wide, and worth about 306, per fathom; in this level cast the lode is eight inches wide, and intermixed with ore; the lode in the eastern stopes, in the back of this level, is still about two feet wide, and worth 306, per fathom; the lode in the western stopes, in the back of ditte, is 2ft. 6 in. wide, and worth 00. per fathom. The cross-cut towards the Flapjack lode, at the 100 fathom level, continues in hard ground. In the ninety fathom level west the lode is one fact wide, and worth 201, per fathom; the lode is one fact wide, and worth 201, per fathom; in the middle stopes, in the back of this level, no lode takes down during the past week; the hole in the western end, in the back of ditto, is two feet wide, and worth 306, per fathom. The cross-cut north, at the eighty fathom level, is still progressing in favourable ground; the lode in the stopes, in the back of this level, is sixteen inches wide, and worth 286, per fathom. Is the eighty and sixty-two fathom levels cast are without alteration. The pitches, on the whole, are still looking favourable. We weighed on Friday last July ores (203 tons 4 cut. 2 qrs.), and sampled August ores, computed 203 tons.

F. Phillips.

drive the twelve fathoms in an little time as the cross-out. The loss sixty fathom level west, is about twe feet wide, producing some wont a good course of lead as yet. We have been passing through ground for the last six fathoms; we have also out north four fathoms the present end to the north lode, and fast it to be large, and lettin much water. It has a promiting appearance, yielding good oftone. The winne sinking below the firty fathom level, just ever the city passing through good over ground, but it appears to be inclining what. The lode in the fifty fathom level west is large, with stones. The forty fathom level, driving cast of the old west shaft, is quantized through good. We have had a tolerable good lode in driving the fathoms. We are also driving a cross-out south from the thirty-two level to cut the above luic and rou of lead: we have driven four and expect three more to drive. We must have similar recourse to the levels, for we have discovered this lode to be unwrought to the nu this part of the mine. The north lode in the sixteen fathom level, Stainaby's shaft, is split is two parts: it still gives a little lead: the is favourable, and requires no timber. We have commenced driving the going on satisfactorily, both, at the surface and underground, buters are working with good spirits.

FOREIGN MINES.

In the course of the week mail packets have arrived from Mexico and the Brazils, but they bring no correspondence from the mining districts.

MINING NOTICES.

(Under this head we purpose collecting such paragraphs as may approximated and other Journals, having reference to discoveries and imperimentation of the paragraphs as may approximate the consistency to one we must not be considered to solute the correctness of the information of which, in too many instances, requires cautions investigation—the man pectations of parties in some instances, and the want of honesty in other ing a degree of responsibility on a Journal in giving publicity to reports, should intend taking upon ourselves.

Colliering the rite North-(From a Correspondent),—An extensibility has been "won" at Leasingthorne, one from which is expected to conveyed on the Clarence Railway within two months; collieries have recently been "won" at Stanler and Wooley, and at Brancopeth West Pra colliery has also just obtained its coal at Bishop Middleham, the profile which will soon be shipped at Port Clarence. There is also every reason consider as certain that one or two collieries will soon be opened out in Westerton coal-field.

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The bearing having data, models has, during the work, been very small, but few personne having data, models, and those generality of signific reviewed princip. The account provides on Typinality, of the receipt of communications princip. The account of degree of the communications have been been also as the first degree and to exceed a per cont. But have been been been been from the control of the control of

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The premium on gold at Paris is 8 per coolin, which, at the Haglish Miet price of M. 13s. 1646, per course for stocked gold, gives an exchange of 25 50, and the exchange at Paris on Lindon at short losing 25 574, it follows that gold is 9730 per cent. Search Team I London than to Faris.

By advises From Hamburgh the price of gold is 411 per mark, which, at the English Elici price of M. 17s. 1646, per conce for etapharin gold, given an enthancy of 1579, and the exchange at Hamburgh of London at these the things 15 of 15 of

PROMINSORY HOYER AND BUILLION.—An account of the average aggregate amount of promisering notes, payable to benefit of demand, which have been in elements in the United Kingdom, destinguishing these circulated by the Bank of Registed, by privad store, bank, in Registed and Wilco, by the bank of Registed, and the reverse amount of britism to the Bank of price desting the point accord. Bank of Registed and the reverse amount of britism to the Bank of pile other banks in Registed and an accordance amount of britism to the Bank of pile other banks of Registed, before the bank of Registed, and of the average amount of britism to the Bank of Bank of Registed, by the banks of britism to the Bank of Registed, by the bank of britism to the Bank of Bank of Registed, Bank of private before, by the Register by the bank of britism to the Bank of Ba

The following notice was proted at the Bank on Thermday afternoon :-- "The following notice was proted at the Bank on Thermday afternoon :-- "The following and Company of the Bank of Sugiand are ready, notified the section, for accept applications for losses agent the deposit of approved Bills of Backbangs, not accept more than its mention to raw, Karlespone Bills, and Karl India Pondo, such mans is to regard on the losses the 20th of Chunder next, with interest at the fate of as per sent, per assesses, and to be for ourse of and loss then 20004, e8th.

"Bank of Regissed, Sept. 1."

[From our new currenpendents.]

PARIS. Sary, Lond pet Conde., 120', 10c., p. per Conde., 75t., No., ; Bank Actions, Shiff, Mr.; Reste de Ragico, 10'f.; Romano, 164; Spanish Actions, 714; Beigian hank Conde., 120', 100; 40to 5 per Conde., 10c., 10t) 104; Beigian Bank, 770', Hartina Louis, 515, -60. Concession malways, 40f., Vorestelles, S. D., 200f. Mr.; Beigian Dank, 770', La., 66f. Education, 515, -60. Concession malways, 40f., Vorestelles, S. D., 200f. Mr.; Distabling to Bale, 201f. Asc., Exchange de London, 54f., (Peteans, Mrd. do., Situation has been 201f. Asc., 100. Exchange de London, non-necession, pages, 25f. 41c., 100. Sec., 100.

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Hill.L. You near w. The market is, if anything, rather firmer this work for rad-way shorter) and bash which is also farley to self.—Birmingham and Derry, both fastions Consting M. Birminosph and trinspose, ragic, Bull and Bothy, for, Lan-casive and Provides, July 1976; I seeds need finishy, 27, to this, Livragued and Manschapter, 17th J. Josephen and Berningham, 18th J. London and Brighten, Adv. London and Book Works, Bull Manschapter and Louis, 17th, Midican Counting, 6th, to 7th, Newscarley and Charleste, and Rock Middland, 27th, Middland Counting, 6th, to 7th, Versaling, Politics Bank, and Smooth Middland, 27th, Seeds and Biotherbane, 2021. Versaling Politics Bank, and Smooth Middland, 27th, 18th, 22th, 18th, 12th, 2 12th, 18th Seed, 20th, 18th Marine Brownspace, 12th, 18th

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Guantity of ore, 4672 tons.—Quantity of fine copper, 342 tons 0 cost.—Amount of
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Copper over for sale on Thursday acut, at Andrew's Hotel, Redruth.—Mines of Parcess.—Wheat Priendship, 562; Pay Comeda, 367; Puwey Comoda, 254; Whadlander, 159; Menes Baller, 156; Hevey's Ore, 159; Wheat Andrew, 159; Menes Laber, 150; Hevey's Ore, 159; Wheat Andrew, 159; Monthales, 150; Providence Mines, 59; Wheat Speed, 67; Wa Cordis, 47; Wheat Charles, 27.—Total, 7:89 tons.

JO BALS on Thursday week.

SALE OF BLACK TIN, By Ticket, on the 96th of August, at Pencance.

	Mines.	Tune. Pr	rice.	Amount.	Perchasers.
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	4" 150	78 36	& Carrie	99 14 9	L. C. &W. Damburg
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				Figure & &.	

SALB OF COPPER ONES AT SWANSDA.

Copper over for sale September 7.—Cobra 91, 48ths 85, 48th 81, 48th 71, 48th 84, 48th 87, 48th 129, 48th 189, 48th 101, 48th 64, 48th 129, 48th 189, 48th 101, 48th 64, 48th 191, 48th 189, 48th 181, 48th 181, 48th 181, 48th 181, 48th 182, 48th 183, 48th 183

LATEST CURRENT PRICES OF METALS.

# 4,4.	di		. 46.	4 6	H
Seatows -Foreign, ton 6 6 6 to	127	14		Currun-Old per lb. tr c	1
. For delivery		-	-	Cake p. ton to 0 to 0.50 ft 0	1
Rang-English shoot	40	á		For cake to to be at	1
Questantes per lb.		4			i
I ace - English but, &c p. fon		1 å		Try-English, blocks, Ac. cwt. A #	i
es Mail rods vite	2	0		. hurs A D G A 10	i
. Hoops 0 0 0		10	- 0	Poreign, Banca A S S S S	i
. Bhests 2 6 5	In.	ä	- 46	Btrails 5 5 4 5 4	i
Cargo la Walse . 0 0 0	Ä	10	-	Peruvian 2 15 0 3 0	î
Pig. No. I, Water 0 0.0	5	E		Tin plates, No. IC. p. box 6 0 1 10	å
No. 1, Cipto 2 19 0		100		No. IX 1 17 6 1 10	ä
For , Swedish . 11 10 0	0.0	- 5		wasters in p. box loss	9
n		-			á
To Manager Comment of the Party	1.0			Locar-Obset milled p. ton 19 0	a
AS NO \$500 LAKE KIN W	84	1.0		Bland, paterns	я
to to Governed times	12	14		Red 22 10	Ħ
a Arriangel	8.8	10		White 24 10	4
Reason Swedish key p. ton.	17	10		Pro Lague English	ä
Fagged . 0 0 v	1.00	-		Rosendah 0 8 6 17 15 1	ä
County - Profick shouthens . D.	tou		560	American . 0 0 0 17 10 1	á

EXPONDATION OF GOLD AND BILVER.—By the official return publishes the Custome, the export of the precious metals from the port of London to for and colombial ports, for the wood colombial ports, for the wood colombial plant, was a noder — Bilver colombial made and Calcutta. 17,100 ounces.

COAL MARKET, LONDON.

OGAL MARKET, LONDON.

MONDAY.—Prices of couls per fron at the close of the market .—Charlette Main 14. 3.—Charlette Main 15. 3.—Charlette Hanting 16.—Hanting 16.—Reading 16.—Hanting 16.—

PRICES OF MATERIALS IN CORNWALL

	18	1 2	0.6	64			- 24	
Christian Don, per esst	24	948	Pa	846	beed, wire rapter, coult In	The	15a	Date
Said read russes diffe					line, wire work, per fact !	10	1.0	
Book beneath whom where	200	18	Sta	(6)	Broard mails, per red. 12	10	118	(8)
Bosco pining alministra	3.8	0	130	18	Stadt Scoop's differences being A		8	
Briene levine		(8)	28	0.	House Stee		1 10	3
Bigil Bigillo . Local Mary	(8)	(8)	18	18	SOME BARRY WATER	- 0	1.4	0.
Process absention	800	(6)	200	180	thoused off, per parties. ?	- 30	1 8	
Secretal iron	8.0		48	8	Rape differences to the first			4
Comparabolistic paper 1-200 (Box.,)	40		68	181	SETTING, part fired,	. 2	1.6	20
mether, yes the	8	hà.	A	Do.	Plant, page to make your	8	1 2	- 6
teate, per tea, at user	2.5	4.	12	4	Alburt head, per unit	16.	Int	(6)
quellers, per Bloom Ites.	(8)	8	8	6	Promotosi ficioles	18	57	4
fallene, out own	60		400		60 3 street (117 Bes.)	(8)	113	(8)
B10%	500		66	(6)	No example	- 6	198	(0)
Place or comm.	60	(8)	68	8	Dock hills	8.	5	
Bridge Company of the last	10	4	(8)	8	Nine wat hailes	(6)	16	20
Kildra ració, per yes.	14	8.	All .	0.	White amount land 10	(6)	1116	100
Mits free inveger	56	121	41	(8)	Mind Step 2 (N.	(8)	120.	180
Boston after supress, standa.	3	(2)	3	8.1	South offeet from 11		11	10.
STATE COMMISSION	1.8		51.0	100	Dispersor transft 19	-	400	-

PRICES OF STITUTE GRARES.

The sales of shares in British uniner hard hear as indicasting the large states that remark, and the prices, with but two of these exceptions, therety nominal, there being or besteres desire in that deterrite. There has been very little desire its foreign tested shares the subtract that entire the near transition of large three last of the price that the state of the sales of large three last of the sharp application of large three was confined to the sharps quicket.

BEITISH MINES.	BRITISH MINES-confirmal.
Shares. Company. Paid. Price	Shares. Company, Paid, Print, 4,000 Treinigh Counties
160 Anglessy b	4,000 Treinigh Countis 8 19
4,000 Bedfied 11 . 21 4	A. Compart Comments
100 Botalisck	5,000 Tin Croft 7 % 84
100 Bots/luck 175 300	540), Tretoil Conscis
29,000 British fron 70 65dis.	139 Trevisher and Barrier 130
120 Brewer	120 Trythelian
120 Brewet [00	120 Trethatian
79 Budnick10	4,000 Chrest Hills, N. V
2,000 Caro Bres	6,000 Wickhow Copper
3 cm Corneman Lead Co 2 29	3,845 West Wheat Jourses In 54
3,500 Cornwall Great United 104. 1 512 Cook's Kitchen	
112 Charlestown 450	FOREIGN MINUS.
128 Creer Braws 45 , 300	A see to be not be a Person of the see
10,000 BurhamCounty CoulCo. 37 9	5,000 Alten Mining Company 134. 8 10,000 Auglo Mexican Co 100 .: 2
2,000 Danesnombe	S.874 Do. Subscription 20 72 4
(,000 De Dunstanville	1,900 Bolanon
200 Dinmond 34 10	Ditto Serie 15 44
128 East Pool 380	10,000 Bracilian Imperial 21 .84 7
4,069 East Tretoil 1 . 1	10,000 Bolivat 20 1
126 Gavrigan	10,000 Dilto Kryin
100 Great Consols 97 736	10,000 Cata Branca Bruzilian dj., -
10,000 Hibernian 124 24	10,000 Conceigan, J Co. 4 we
1,000 Holmbush 14 45	12,000 Cobre CopperCompany 48 29
2,000 Isle of Sark (Guernery) 11 8	#,500 Colombian Co.regia 55 2
65 Levant 600	10,000 Copiano Mining Co 134 . 9
20,000 Mining Co. of Ireland 7 155	20,000 General Mining Asso. 20
128 Mostyn Mines 100 —	5,351 Mexican Conspany Sec. 1
3,000 Polterou Crasols 10 . 4	12,000 Mocaubas and Cocaes 25 46 1
5,000 Redmoor Consolidated 5 12	14,500 Residel Monte, regis. 634. 27
7,060 Relistian	the marganizes a
180 Rosewall Hill	Ditto Loan Notes ibs ho
800 South Towns 10 1	7,000 Royal Santiago 10
6: SouthWiscal Bamet 410	99,000 United Mexican 40 17
37 Speam Moos 70 100	Black Scrip, addl cupital 5 . 19
4,000 Tregollan	But New Scrip 25. 3
The state of the s	

BAILWAY SHARE LIST AND TRAFFIC RETURNS.

RAILWAY BHARE LIST AND TRAFFIC RETURNS.

The transactions in Railway shares have been numerous this week, and the factuations have been, in nome instances, rather extensive. Birmisiphin and Gioscouler shares declined to 42, but recovered a little, the last questions belong 48. Eastern Constitis were last quoted at 9 in 18. Edinburgh and Gioscouler shares belong from at 494 E. being an advance of 24, per sharts, so common difficulties the last sales being from at 494 E. being an advance of 24, per sharts, so common Eirmingham have been only at an advance of 24, to 19, per shart, so common Eirmingham have been only at an advance of 24, to 19, per shart, so common the Birmingham have been only at an advance of 24, to 19, per shart, to last plans, so, 7, and the extractance of the recrease of 24, to 19, per shart, to last quoted being 199. The result of the meeting of the London and Birckwall Cumpus 7, and the structure of the fact, which, from 19 [hast week's potentially as a superior of the common to the shares, which, from 50 [hast week's price having been 76. booth Eastern were done at 22, 2, being a slight advance on liest week's prices. York and North Histories also sheeved as lab wherea a ling proceeding the last price being 21 90. The other shares remain at old, or slightly improved, prices.

Line.	Entire Leth.	Open.				Returns.
Arbroath and Forfar Railway	15	15	£ 181,648	25	72	£169 8 14
Biraningham & Derby Junc.	45	281	855,044	100	41	1835 5 7
Birmingham and Ginnonter	828 I	41	1,013,723	100	47 3	1801 18 8
Brandling Junction	25	24	457,694	45	Cont.	641 12 6
Chester and Birkenhead	146	145	436,664	50	30	349 10 W
Doblin and Kingstown	6.	6	333,768	100	.774	1000 13 3
Inhotes and Arbrinth	149	107	134,934	25	128	207 14 104
Eastern Countiers	1264	174	1,476,170	98	9 45	1006 11 9
Crichery's and Glasgow	40	45	1,233,234	50	10 414	2017 3 8
Stangow and Ayr	- All	40 1	600,545	45	40	1162 12 4
Responsand Falsley Joint	224	721	254,694	25	25	1034 12 0
id, June. & Chester & Crewe	115	113	2,192,047	100	180	7407 16 19
ireat North of England	75	45	1,000,408	21049	764 54	189 7 6
irent Western	118	118	5,298,544	42		14316 16 10
layle	16	. 18	125,000	164	and a	200 14 8
full and Selby	31	31	450,000	40	1824	10af 15 G
Advanter & Presing June.	204	204	350,000	424	224	457 3 2
Averyood and Mauchester	34	SI.	1,419,000	100	1884	4329 A 7
seadon and Birmingham	2724	1124	5,724,607	90	182 5	15719 18 7
outdon and Blockwail	39	34	997,663	25	75.1	1334 11 A
onden and Brighton	46	45.2	7,448,504	54	134	6 4
codon and Croydon	104	I ma	847,907	1.59		279 A A
nodon and Greenwich	34	33	758,304	- 20		716 4 10
cades and South Western .	93. (27	2,281,882	384	434367	7339 19 11
tanchester, Bolton, & Bury	10 1	14	779,986	25	14	515 2 10
Innelisator & Bironingham	45	8	1,104,817	40 1	234	1949 11. 4
labelunter and Londs	50	50	2,323,500	70	734 2	4300 7 1
Ediasel Counties	1.7	52	1,449,666	100 1	61.4	2072 38 11
ewcastle and Carlisly	ENG	400	764,500	100	- 91	1119 3 10
ewcastle and N. Shipids	2	2	253,877	50	44	439 1 9
officers and Eastern?	State	154	Sig.pla	-40	304.0	1979 16 4
both Midfand	723	227	2,529,697	148	34	4397 14 3
neth Union;	28	25	5107,7000	75	255	1114 13 8
reston and Wyrn	154	196	279,000	34	100	337 10 1
bellickt and Munchester	40	2	201,027	676		-1 mm 13 0
odh Kastern	67	43	1,075,468	84	991.9	min 11 4
Wale	20	20.	330,735	100	-	919 15 3
ater	15		225,245	214	-	202 14 14
ork and North Midfand	20	24	414,300	5.9	60 ms	make a

Manchester tell in declared declared in the returns.

JOINT-STOCK BANKS.

In this description of investment there has been transactions only in the Provincial Bank of Iroland startes, which advanced to $4t_{J_1}$ and left off at $4t_{J_2}$ and on the Union Bank of Americalia, which advanced to $2\tilde{t}_{J_1}$ Americalial decrees $1t_{J_2}$ and in the Ulinov shares remain at foreign questioning.

Abures.	Company,	No.	Price	Abares.	Company. Paul. Price	ė.
13,000	Australania	40	A24	247,0790	Liverpool Scrough., In Lat	
Zer, redek	Birmingham	10	legio:	23,760	Dictor Blook of 124 100	
	British N. American			13,000		
10,100	Cheffanh. A Gloscoul	. 8		20,1993	Bitto Commercial 14 ., 174	
	Communication of Eng.		1000	2,000	Ditthe Royal Ste . 657)	
	Commerc, of London		173	DBH, disk	Monoch. & Liver, Dis. 15 104	
24,160	Colonial	38	284	190,000	Munchinter 16 . 5	
Bounds.	Enet of England	18	74		Manichester & Saideld 16 . 104	
21,100	Labraconternhire	10	201	20,030	Noticeal of Pertand., 174., 154	
4,053	Dreilate a secretaria and	29	28	11,008	Natl. Provi. Empland 16 1ht	
Dr. son	Lords Banking Co	10	10	611,1100	North & South Wales IV 44	
	Looks & West Riding		18	20,000	Proveinced of Seulecool 26 429 1	
	London & Wastminst.		218	26,888	Books Lanceshier 74. 6	
	Louden Josef Mark		124 :	27,093	W.of Eng & S. Water D. 13t 154	
	London and County			29,198	Unions of Australia Ili M	
PO_000	Liverpool Albina	28	194	\$5,000	Clayers of London 18 14	
-	-	Section 201	-	-		

MISCELLANDOUS

Little or no horderes has been drive to shares under this depose hashing. Encland one on, which were quested but work at 21s, are in less reports, the objections enter to hopetice. The absence of the Semera Remain, having the sentent of 5,5 with ground hadiness—the report promised these week his time for the sing of a nativisativity entry. In other respects the printer of sixthes r u see

Maren	L Company	Publ.	Print	- Straiter	Company.	Paid.	Prine
	Amphi Mexicos Mind				Hengertie'd Market.		
	Anti Dry & C.				Lon. Com. Auto Boom		
17,766	Aughains (Clarkins)	4			London Com Raulo.		
	Acres Ton Company				Loudin Caretphone		
	Austral Agra alliana.			£,500c	Lindon Comology	386	28
	politia stresio		100	0, 5556	Loss Borrey, Lat. Sec.	346	-
	Biliptions Director no.				More. Pat. Would Party		
10,230	Dittio Philopowers.	9			Michigan & S. America		
6,500	Box, Amer. Land Co.	558.	96		New Brancetts Life		
	Brill, Louis & Disc, Facili		76		Rower, Int. Seniory .		
	1916 Book & Pal Soil		Bas.		Street, Mari Allegon. Pr		
	E provide I aim E in				Since of the Personality		
	B. C. OFTEN SHIP DON		28	14,406	Scrotts Americalism	- 100	18
	COUNTY OF PARTY SHAD		1102	7,000	Stilly Country Treasing	20	ER.
	Equilibries Screen, Bury		40		Charton Tuerral		
	tion, Strain Sarly				You Dimmer's Land		
	Same Marriery Sept. Service		(860)		Of Early & Williams Co.		900

BANK OF EFFILAND - Quarterly Average of the Weekly Lightlines and Assets on the tool of Mor to the 10th of Assets, etc.), both includes

515.003	LEDNING.	8.0	into.
Committees.	£ 100, \$770, 6000 \$, 1000, 6000	Bullion.	\$,000,000
	The second second	IT SEE SOUR RESIDEN	STATES SOMEONIN
	ARREST TRANSPORTER		AND MAY NAME.

couldn't Promotional Parameters for the case of Lambon. where at Communication and Lambon where at Communication and Lambon and Lambon and Communication and Lambon a